



Product Description

MASTERColour CDM-TC Elite

Single-ended, compact size, high-efficiency Ceramic Metal Halide discharge lamp

Benefits

- High-intensity beam of crisp white sparkling light makes merchandise look irresistible
- Outstanding rendering of displayed merchandise due to high colour rendering (Ra 90) in combination with high lumen output; best offer in the market for 'enhancing merchandize'
- Stable color and lumen output over life keeps your store attractive season after season
- Excellent colour quality remains stable over lifetime
- Lowest Total Cost of Ownership as a result of high efficacy (same light, less energy or same energy, more light) and long life
- Light output over lifetime maintains display brightness
- High efficacy and long lifetime for lowest operating costs and low heat generation
- Relatively low heat generation enhances comfort for shoppers and staff
- UV Block for reduced fading risk of merchandise
- Allows design of very compact luminaires with high beam intensities

Features

- Crisp white sparkling light
- Crisp white light
- Excellent color rendering, with extra red
- Excellent colour rendering (Ra 90)
- High efficacy with unparalleled lumen maintenance
- Reliable lifetime performance
- Stable color performance over lifetime
- Stable colour performance during lifetime
- UV-blocking glass
- Increased light output compared with regular MASTERColour lamps
- Improved maintenance compared with regular MASTERColour lamps
- Burning position for
- CDM Elite-TC 35W: vertical +/- 60 degrees
- CDM Elite-TC 70W: universal

Application

- Accent and display lighting in retail
- Accent and display lighting with a sparkling effect, excellent solution for Retail
- General and decorative indoor lighting
- General and decorative lighting
- Outdoor area lighting

Warnings and Safety

- Use only in totally enclosed luminaire, even during testing (IEC61167, IEC 62035, IEC60598)
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- The luminaire must be able to contain hot lamp parts if the lamp ruptures
- The luminaire must be able to contain hot lamp parts if the lamp ruptures
- Use only with electronic control gear
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- Control gear must include end-of-life protection (IEC61167, IEC 62035)
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- A lamp breaking is extremely unlikely to have any impact on your health. If a lamp breaks, ventilate the room for 30 minutes and remove the parts, preferably with gloves. Put them in a sealed plastic bag and take it to your local waste facilities for recycling. Do not use a vacuum cleaner.
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MASTERCoulour CDM-TC Elite

Versions



LPPR CDM-TC 0001

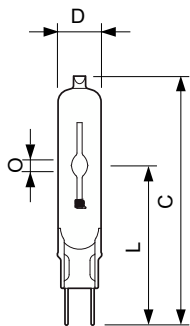
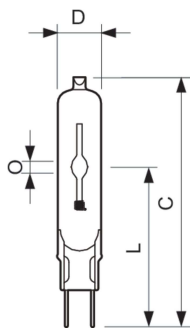


LPPR_CDMTC-E_0001-Product photo



LPPR_CDMTC-E_0002-Product photo

Dimensional drawing



| Product | D (max) | O | L (min) | L (max) | L | C (max) |
|---|---------|---------|---------|---------|-------|---------|
| MASTERC CDM-TC Elite 35W/930 G8.5 1CT/12 | 15 mm | 4.8 mm | 51 mm | 53 mm | 52 mm | 85 mm |
| MASTERC CDM-TC Elite 70W/942 G8.5 1CT | 15 mm | 7.75 mm | 51 mm | 53 mm | 52 mm | 85 mm |

| Product | D (max) | D | O | L (min) | L (max) | L | C (max) |
|---|---------|-----------|------|---------|---------|-------|---------|
| MASTERC CDM-TC Elite 20W/830 G8.5 1CT/12 | 15 mm | 0.55 inch | 4 mm | 51 mm | 53 mm | 52 mm | 85 mm |

| General Information | |
|------------------------|-----------|
| Cap-Base | G8.5 |
| Operating Position | UNIVERSAL |
| Controls and Dimming | |
| Dimmable | No |
| Mechanical and Housing | |
| Bulb Finish | Clear |
| Bulb Shape | T14 |

Light Technical

MASTERCoulour CDM-TC Elite

| Order Code | Full Product Name | Chromaticity | Chromaticity | Color Designation | Correlated Color Temperature (Nom) | Color | Luminous Efficacy (rated) (Nom) | Luminous Flux |
|--------------|--|--------------------|--------------------|-------------------|------------------------------------|-----------------------|---------------------------------|---------------|
| | | Coordinate X (Nom) | Coordinate Y (Nom) | | | rendering index (CRI) | | |
| 928183405125 | MASTERC CDM-TC Elite 20W/830 G8.5 1CT/12 | 0.434 | 0.398 | Warm White (WW) | 3000 K | 85 | 87 lm/W | 1,750 lm |
| 928189105131 | MASTERC CDM-TC Elite 35W/930 G8.5 1CT/12 | 0.434 | 0.398 | Warm White (WW) | 3000 K | 90 | 102 lm/W | 4,000 lm |
| 928193905131 | MASTERC CDM-TC Elite 70W/942 G8.5 1CT | 0.371 | 0.366 | Cool White (CW) | 4200 K | 92 | 102 lm/W | 7,450 lm |

Operating and Electrical

| Order Code | Full Product Name | Voltage (Nom) | Power Consumption |
|--------------|--|---------------|-------------------|
| 928183405125 | MASTERC CDM-TC Elite 20W/830 G8.5 1CT/12 | 95 V | 20.1 W |
| 928189105131 | MASTERC CDM-TC Elite 35W/930 G8.5 1CT/12 | 85 V | 39.1 W |

| Order Code | Full Product Name | Voltage (Nom) | Power Consumption |
|--------------|---------------------------------------|---------------|-------------------|
| 928193905131 | MASTERC CDM-TC Elite 70W/942 G8.5 1CT | 88 V | 73.2 W |

Mechanical and Housing

| Order Code | Full Product Name | Bulb Material |
|--------------|--|-----------------|
| 928183405125 | MASTERC CDM-TC Elite 20W/830 G8.5 1CT/12 | UV-Block Quartz |
| 928189105131 | MASTERC CDM-TC Elite 35W/930 G8.5 1CT/12 | - |

| Order Code | Full Product Name | Bulb Material |
|--------------|---------------------------------------|---------------|
| 928193905131 | MASTERC CDM-TC Elite 70W/942 G8.5 1CT | - |

Approval and Application

| Order Code | Full Product Name | Energy Consumption kWh/1000 h | Mercury (Hg) Content (Max) | Mercury (Hg) Content (Nom) |
|--------------|--|-------------------------------|----------------------------|----------------------------|
| 928183405125 | MASTERC CDM-TC Elite 20W/830 G8.5 1CT/12 | 21 kWh | 3.5 mg | 3.5 mg |
| 928189105131 | MASTERC CDM-TC Elite 35W/930 G8.5 1CT/12 | 40 kWh | 4.7 mg | 4.7 mg |
| 928193905131 | MASTERC CDM-TC Elite 70W/942 G8.5 1CT | 74 kWh | 6.6 mg | 6.6 mg |

